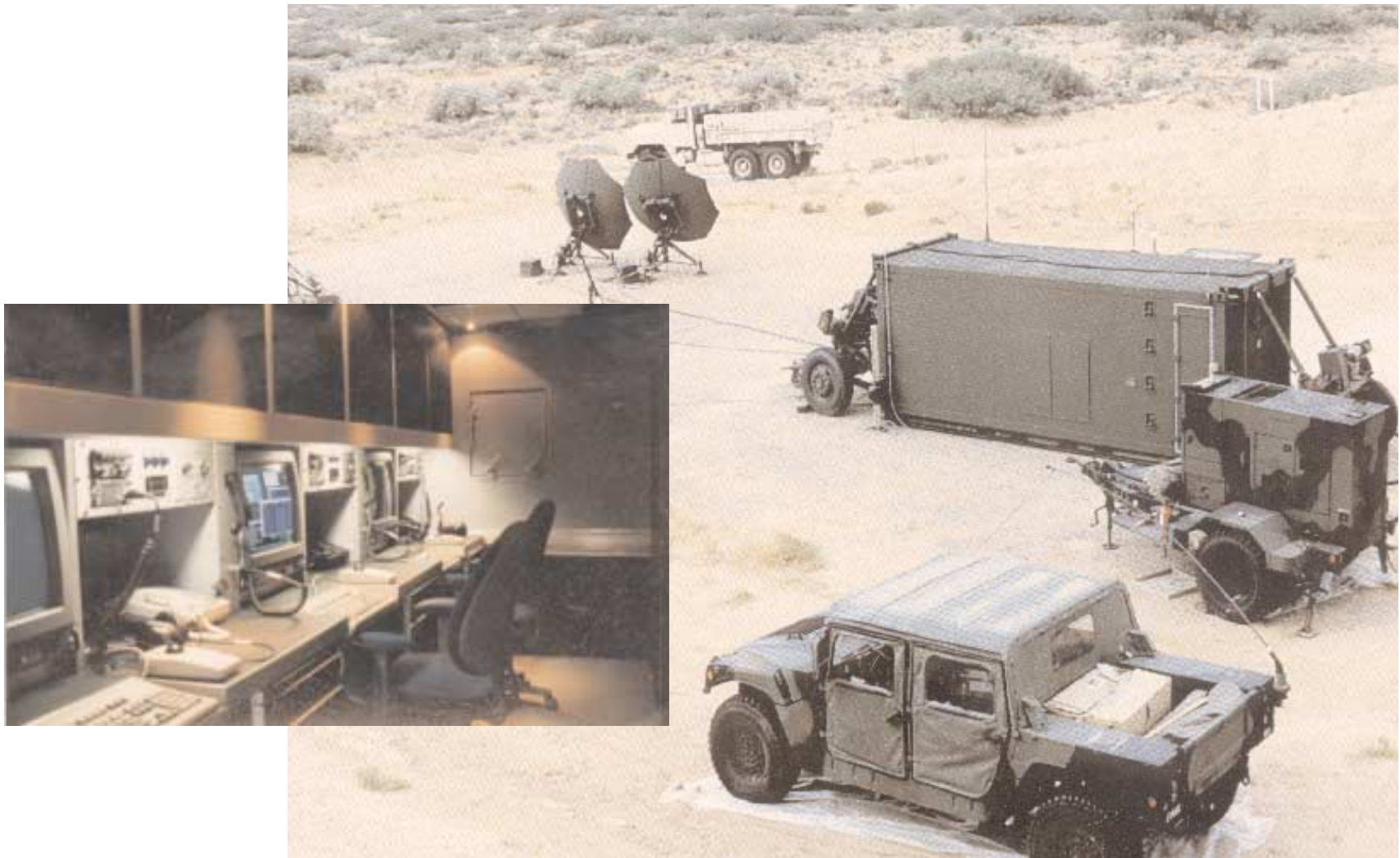


Joint Tactical Ground Station (JTAGS)



MISSION

Provide theater commanders with real-time, space-based infrared warning, alerting and cueing information on theater ballistic missiles (TBMs) and other tactical events.

DESCRIPTION AND SPECIFICATIONS

The Joint Tactical Ground Station (JTAGS) is a transportable information processing system that receives and processes in-theater, direct, downlinked data from Defense Support Program (DSP) and follow-on Space-Based Infrared System (SBIRS) satellites. JTAGS disseminates warning, alerting, and cueing information on theater ballistic missiles and other tactical events throughout the theater, using existing communications networks.

A JTAGS unit consists of a standard 8' x 8' x 20' shelter with mobilizer, external collapsible high-gain antennas, standard military generator, and standard five-ton trucks as prime movers. JTAGS can be deployed worldwide; the system is transportable by C-141 aircraft and can be made operational within hours. For redundancy during contingency situations, the system will deploy in pairs. During crisis situations, the system will conduct joint operations. JTAGS Phase I upgrades provide Joint Tactical Information Distribution System (JTIDS) integration and data fusion with other sensors. The Phase II preplanned product improvements (P3I) upgrades JTAGS to the SBIRS common Multi-Mission Mobile Processor (M3P). A memorandum of agreement between the Army and Air Force program executive offices implemented the joint program development of the SBIRS M3P between the Army JTAGS Product Office and the Air Force SBIRS System Program Office.

FOREIGN COUNTERPART

No known foreign counterpart

FOREIGN MILITARY SALES

None

PROGRAM STATUS

JTAGS is an acquisition category III joint interest program (Army and Air Force) under the Program Executive Office Air and Missile Defense.

FY97 Fielded five production units to the European Command (EUCOM), Pacific Command (PACOM), and Army Space Command Continental United States (CONUS).

FY97 Initiated JTAGS P3I phase I.

4QFY98 Initiated P3I phase II JTAGS M3P upgrade. SBIRS upgrade, which converts JTAGS into M3Ps, will be developed jointly by the Army and Air Force to accomplish theater and strategic missions.

4QFY99 Completed P3I phase I upgrades: sensor fusion and Joint Tactical Information Distribution System JTIDS integration testing 4QFY99 (certification pending).

1QFY00 Phase I upgrade fielding approval decision.

PROJECTED ACTIVITIES

2-4QFY00 Field phase I upgrades.

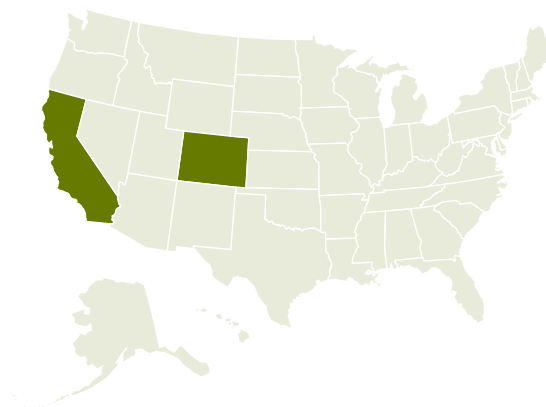
4QFY00 Conduct phase II upgrade critical design review.

4QFY01 Conduct phase II M3P initial theater testing.

PRIME CONTRACTORS

Deployment, Production, and Phase I, P3I: GenCorp (Aerojet) (Azusa, CA; Colorado Springs, CO)

Phase II P3I: Lockheed Martin (Sunnyvale, CA; Boulder, CO); GenCorp (Aerojet) (Azusa, CA)



* See appendix for list of subcontractors

